

## A NEW ALIEN *SOLANUM* L. (SOLANACEAE) IN QUEENSLAND

D.E. Symon

formerly Agricultural Research Institute, Glen Osmond, S.A. 5064

and J.T. Swarbrick

Queensland Agricultural College, Lawes, Qld 4345

## Summary

*Solanum abutiloides* (Griseb.) Bitter & Lillo, a new naturalisation record for Queensland is described.

***Solanum abutiloides*** (Griseb.) Bitter & Lillo, Repert. Spec. Nov. Regni Veg. 12: 136 (1913). Type: Near Jujuy, Argentina, Apr. 1873 Lorentz & Hieronymous 995, 1014. *n.v.* Roe (1972) cites 'prob. GOET, not seen; isotype B, as photograph F'. Morton (1976) states '995 CORD; lectotype; B, destroyed, F photo 2759'; 987 CORD; B, destroyed; 988 and 1914 B, destroyed.

Shrub or small tree 1-3 m tall, unarmed, all parts densely pubescent with abundant glandular, stellate and multangulate hairs (sessile glandular, sessile porrect stellate with long glandular central cell and multiseriate stalked multangulate hairs with glandular central cell), strongly odorous. Petiole 5-10 (-29) cm long; lamina 10-15 (-18) cm long, 10-12 (-17) cm wide, ovate acuminate, margin entire or slightly undulate, 6-7 principal lateral veins, base cordate; each leaf with two pseudostipular leaves in axil, 1.5-3 cm long, 1-3 cm wide, ovate, almost sessile or with petiole 1-3 mm long. Inflorescence at first terminal, soon displaced by an axillary shoot, peduncle 3-8 cm long to first fork, floral rachis forked further 2-3 times bearing 20 or more flowers; pedicel 5-7 mm long; calyx 7-9 mm long, deeply divided, the lobes *ca* 7 mm long, ovate-lanceolate; corolla *ca* 1 cm long, divided half its length, lobes *ca* 7 mm long, ovate-elliptic, densely pubescent outside, white; filaments 1.5-2 mm long a little dilated below, anther 4 mm long, oblong, apical pores introrse; ovary 3 mm long, oblong, densely pubescent, style 5 mm long, erect, stigma capitate greenish. Fruits numerous in an erect corymbose-cymose cluster; pedicels to 2 cm long; calyx lobes to 1 cm long, enlarged to cover base of fruit; berry *ca* 1 cm long, ovate, remaining pubescent with simple and stellate hairs, finally yellow to orange-yellow, pulpy. Seeds *ca* 1.5 mm long, discoidal, light yellowish-brown, numerous.

Original distribution in north-western Argentina and southern Bolivia, along the Cordillera Central of Bolivia and eastern Andean slopes of Argentina, Roe (1972).

Queensland. MORETON DISTRICT: stage two of the Mt Coot-tha Botanic Garden, Brisbane, in heavily disturbed woodland, Apr 1985, Swarbrick 8043 (AD, BRI).

Roe (1972) describes this as one of the most distinctive species in the section *Brevantherum*, which already includes the two alien species *S. erianthum* Don and *S. mauritianum* Scop. in Australia. It is readily distinguished from these by the following combination of characters.

	Flower Colour	Leaf Base	Pseudo-stipules
<i>S. abutiloides</i>	white	cordate	present
<i>S. erianthum</i>	white	rounded obtuse	absent
<i>S. mauritianum</i>	lilac to purple	acute to cuneate	present

Seed is often listed in Botanic Garden seed indices and it may have been grown in the Mt Coot-tha Botanic Garden at some time.

### References

- MORTON, C.V. (1976). A revision of the Argentine species of *Solanum*. Cordoba: Academia Nacional de Ciencias.  
 ROE, K.E. (1972). A revision of *Solanum* section *Brevantherum* (Solanaceae). *Brittonia* 24: 239–278.

### CORRIGENDUM

#### **Austrobaileya 2(2): 199-200 (1985)**

#### **Some historical collection localities in and around Brisbane. A. Bolin.**

Following correspondence from Mr Manfred Cross, MP, the following additions and corrections can be made:

**Ithaca Creek, Coopers Camp**—‘George Cooper was the contractor who constructed the pipeline between the Enoggera Reservoir and the town of Brisbane. His camp was alongside Ithaca Creek immediately to the west of Coopers Camp Road’ in the suburbs of Bardon–Ashgrove. 27°27’S, 152°59’E.

**Peechey’s Scrub**, ‘was south of Enoggera Creek, in the area now surrounded by Riaweena Street, Payne Road and Whitehead Road’, in the suburb of The Gap. ‘Charles Peechey was the tenant of the Adsett Estate, portion 171, Parish of Enoggera’. 27°27’S, 152°56’E.

**Simpsons Gate**, ‘Simpsons Creek would be West Ithaca Creek. The remains of his (Capt. Simpson’s) house and an underground tank still stand on the ridge north of Sir Samuel Griffith Drive, and his gate would have been on Simpsons Road near the junction with Carwoola Street’, in the suburb of Bardon. 27°28’S, 152°58’E.